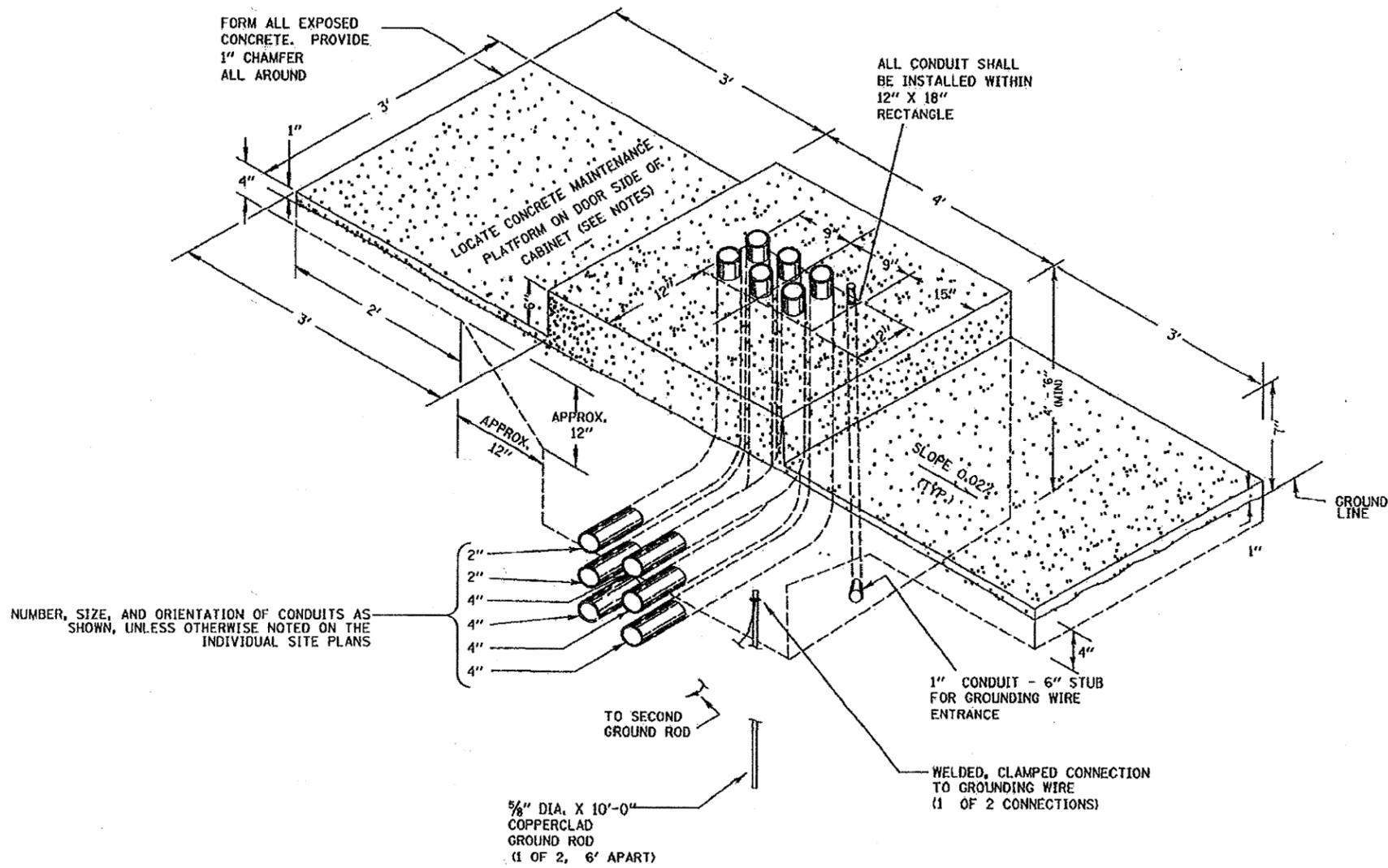


PROFILE SURVEYED GRADES CHECKED BY: DATE:
 NOTE BOOK NO.
 STRUCTURE NOTATIONS CHKD
 BY: DATE:
 PLAN SURVEYED ALIGNMENT CHECKED BY: DATE:
 NOTE BOOK NO.
 ROAD FILE NAME:
CHRISTOPHER B. BURKE ENGINEERING LTD.
 9575 West Higgins Road, Suite 500
 Chicago, Illinois 60638
 (847) 823-0800
CB



TYPICAL DETAIL
CONCRETE BASE, CONTROLLER CABINET

NOTES

1. INSTALL FOUR 3/4 INCH DIAMETER X 12 INCH MINIMUM LENGTH APPROVED J-BOLTS TO ANCHOR THE CABINET BASES. THE ANCHOR BOLTS SHALL BE GALVANIZED STEEL AND LOCATED AS DIRECTED BY THE ENGINEER TO PROPERLY ANCHOR THE CONTROL CABINET TO THE BASE.
2. CONTROL CABINET BASE TOP SURFACES SHALL BE TROWEL FINISHED AND LEVEL, PRIOR TO CABINET INSTALLATION. LEVELING OF TOP SURFACES AFTER CONCRETE BASE HAS CURED SHALL ONLY BE ACCOMPLISHED BY GRINDING.
3. MAINTENANCE PLATFORMS ARE NOT REQUIRED WHEN THE SURROUNDING AREA IS PAVED.
4. CONCRETE FORM DEPTH BELOW FINISHED GRADE SHALL BE 6" MAXIMUM. CONCRETE FORMS SHALL BE REMOVED AFTER CONCRETE HAS SET.
5. CONCRETE MAINTENANCE PLATFORM AND CABINET FOUNDATION FOR CABINET SHALL BE A MONOLITHIC POUR.
6. WHEN REQUIRED TO CONNECT NONMETALLIC CONDUIT TO METALLIC CONDUIT, ONLY ADAPTER FITTINGS, U.L. LISTED FOR ELECTRICAL USE, SHALL BE USED.
7. CONDUIT HEIGHT ABOVE THE CONCRETE BASE SHALL BE 3 INCH.
8. MINIMUM BENDING RADIUS OF CONDUIT = 6 X THE DIAMETER.
9. ALL METALLIC CONDUIT ENDS SHALL BE REAMED AND THREADED.
10. CAP ALL BELOW GRADE METALLIC CONDUIT ENDS IN WHICH WIRE OR CABLE IS NOT BEING INSTALLED.
11. PLUG ALL BELOW GRADE NONMETALLIC CONDUIT ENDS IN WHICH WIRE OR CABLE IS NOT BEING INSTALLED.
12. ALL CONDUIT ENDS AT THE TOP OF CONCRETE BASES SHALL BE CAPPED IF METALLIC OR PLUGGED IF NONMETALLIC IMMEDIATELY AFTER PLACEMENT AND BEFORE CONCRETE IS POURED. CONDUITS IN WHICH WIRE OR CABLE IS NOT BEING INSTALLED SHALL REMAIN CAPPED OR PLUGGED.
13. ALL METALLIC CONDUIT ENDS AT TOP OF CONCRETE BASES SHALL HAVE BUSHINGS AND ALL NON METALLIC CONDUIT ENDS AT TOP OF CONCRETE BASES SHALL HAVE END BELLS.

FILE NAME =	USER NAME = FBARISD	DESIGNED - ABR	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CONCRETE FOUNDATION DETAIL (FOR CABINET, MODEL 334)		F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
NALCDOT\090407\Traffic\DET_Cone_Found.dgn		DRAWN - FPB / FCP	REVISED -		06-00924-00-TL	LAKE	76	74			
PLOT SCALE =		CHECKED - MJT	REVISED -		SCALE: SHEET NO. OF SHEETS STA. -- TO STA. --		CONTRACT NO. 63485				
PLOT DATE = 5/3/2010		DATE - APRIL 30, 2010	REVISED -		ILLINOIS FED. AID PROJECT						